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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/390,824	09/07/99	OBERMAIER	H 10981-1400-1

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EXAMINER

NGANDJUI, A

ART UNIT

PAPER NUMBER

2833

DATE MAILED:

10/03/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.
09/390,824

Applicant(s)
Hannsjorg Obermaier

Examiner
Antoine Ngandjui

Group Art Unit
2833



☒ Responsive to communication(s) filed on Sep 7, 1999

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) 1-20 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) 1-20 is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
☐ received.

☐ received in Application No. (Series Code/Serial Number) _____.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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DETAILED ACTION

Claim Objections

1. Claims 1-20 are objected to because of the following informalities: the limitation "chassis' system" should be change to --chassis system--; "card's system" should be change to --cards system--; "card's bulkhead" should be change to --cards bulkhead--. All claims should be checked. Appropriate correction is required.

Claim 7 is objected to because of the following informalities: PCI needs to be written out at least once. Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-4, 6-9, 11, 13-15, 17-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Lee.

In regard to claims 1, 8, 13, 17, and 20, Lee discloses in figure 1, a carrier for connecting a printed circuit board card 20 to a chassis, the chassis' system connector and opening defining a chassis-insertion direction comprising, a body 10 having a front end and a rear end, a first system connector 14 carried on the body and configured to mate with the card's system connector, a second system connector 17 carried on the body and configured to mate with the card's system

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connector, the carrier's body and first system connector are configured such that the carrier's second system connector can be inserted into an opening in the chassis-insertion direction to mate with the chassis' system connector.

In regard to claim 2, Lee discloses in figure 1, a carrier's body and first system connector are configured such that the card's bulkhead would be approximately coplanar with the chassis' opening.

In regard to claim 3, Lee discloses in figure 1, a body which includes integral wiring.

In regard to claims 4, Lee discloses in figure 1, a guide 26 being configured to guide the card movement in mating the card's system connector with the carrier's first system connector.

In regard to claim 6, Lee discloses in figure 1, a first guide 16 at the front end of the body and a second guide 18 at the back end of the body.

In regard to claim 7, Lee discloses in figure 1, a carrier's first system connector which is configured for the card to be a PCI card.

In regard to claims 9, and 18, Lee discloses in figure 1, a guide configured to guide the carrier through the chassis's opening.

In regard to claim 11, Lee discloses in figure 1, a compressive electrically conductive material configured to contact both the card and the chassis.

In regard to claim 19, Lee discloses in figure 1, an isolating logic and power signals to the chassis' system connector.

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Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Lee in view of Welsh.

Lee does not disclose a handle being configured for controlling the insertion and extraction of the carrier into and out of the chassis. Welsh teaches in figure 1, a handle 30. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the carrier of Lee by forming a handle being configured for controlling the insertion and extraction of the carrier into and out of the chassis as taught by Welsh for ease of manufacturing.

6. Claims 10, 12, and 14-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lee in view of Jones.

In regard to claims 10, 12, and 15-16, Lee does not disclose a light source being configured to illuminate the guide's end within the chassis. Jones teaches in figure 7, a light source 40. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to further modify the carrier of Lee by forming a light source at the

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guide's end within the chassis as taught by Jones for viewing ports on a front plane of the connector.

In regard to claim 14, Lee discloses in figure 1, a subsystem configured to isolate logic and power signals between one of plurality of chassis system.

Conclusion

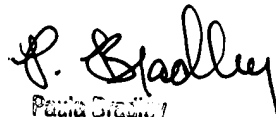
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Antoine Ngandjui whose telephone number is (703) 305-0069. The examiner can normally be reached on Monday-Thursday from 7:30 A.M. to 5:00 P.M.. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula Bradley, can be reached on (703) 308-2319. The fax phone number for this Group is (703) 305-3432.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956.

AN

September 26, 2000


Paula Bradley
Supervisory Patent Examiner
Patent Group 2833